

Title (en)
RFID TRANSPONDER FOR A MEDICAL INSTRUMENT AND/OR FOR ENDOSCOPE, MEDICAL INSTRUMENT AND/OR ENDOSCOPE AND METHOD OF INSTALLING SUCH A DEVICE

Title (de)
RFID-TRANSPONDER FÜR EIN MEDIZINISCHES INSTRUMENT UND/ODER FÜR EIN ENDOSKOP, MEDIZINISCHES INSTRUMENT UND/ODER ENDOSKOP SOWIE MONTAGEVERFAHREN

Title (fr)
TRANSPONDEUR RFID POUR UN INSTRUMENT MÉDICAL ET/OU POUR UN ENDOSCOPE, INSTRUMENT MÉDICAL ET/OU ENDOSCOPE ET PROCÉDÉ DE MONTAGE

Publication
EP 3182337 B1 20190619 (DE)

Application
EP 16002611 A 20161208

Priority
DE 102015016233 A 20151216

Abstract (en)
[origin: US2017172701A1] An RFID transponder for a medical instrument and/or for an endoscope includes at least one printed circuit board carrying an antenna embodied as at least one conductor track of the printed circuit board and an RFID circuit coupled to the antenna, wherein the at least one printed circuit board has a substantially ring-shaped embodiment and the at least one conductor track is embodied on a radially extending surface of the printed circuit board. A medical instrument and/or endoscope including an RFID transponder, and to an assembly method for a medical instrument and/or endoscope including an RFID transponder.

IPC 8 full level
G06K 19/07 (2006.01); **A61B 90/98** (2016.01); **G06K 19/077** (2006.01)

CPC (source: EP US)
A61B 1/00016 (2013.01 - US); **A61B 90/98** (2016.02 - US); **G06K 19/0723** (2013.01 - EP US); **G06K 19/0772** (2013.01 - EP US); **G06K 19/07758** (2013.01 - EP US); **G06K 19/07786** (2013.01 - EP US); **H01Q 1/2208** (2013.01 - US); **H01Q 1/273** (2013.01 - US); **H01Q 1/38** (2013.01 - US); **H01Q 9/265** (2013.01 - US)

Cited by
CN112867452A; US11969299B2; WO2020079268A3

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3182337 A1 20170621; **EP 3182337 B1 20190619**; DE 102015016233 A1 20170622; EP 3293677 A1 20180314; EP 3293677 B1 20191002; US 10350024 B2 20190716; US 2017172701 A1 20170622

DOCDB simple family (application)
EP 16002611 A 20161208; DE 102015016233 A 20151216; EP 17020463 A 20161208; US 201615381470 A 20161216